

5 **Claims**

We claim:

1. A vibration absorber, comprising:

10 a pair of switching elements connected in parallel between a
base mass and an absorber mass to provide a magnetic flux path around the
base mass, one of the pair of switching elements, the absorber mass, and the
other of the pair of switching elements;

15 the base mass being attachable to a vibration device to be
controlled; and

 a magnetic field source for inducing a magnetic flux in the
magnetic flux path,

 whereby the magnetic flux causes an increase in stiffness in each of
the pair of switching elements.

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